

In the Claims:

Delete claims 1-8 and add the following new claims:

9. (New) A palletizable container for preserving and transporting, in a controlled atmosphere and under a controlled pressure, any produce (plant material, cheese, microorganisms, seeds, substrates, etc) requiring a particular atmosphere during storage, the container comprising a first portion that is completely impermeable to gas and vapor and a second portion in the form of a member controlling the flow of gas and vapor between the inside of said container and the outside, the first portion comprising a rigid bottom element, a side element and a rigid cover element, said elements being capable of being connected together in a sealed manner, and the second portion being integrated into the bottom element,

wherein the side element is constituted by the peripheral walls of a plurality of rigid, stackable intermediate elements, each intermediate element being in the form of a case having an open upper portion and an openwork bottom, said case being capable of containing loose produce or packed or semi-packed produce, the bottom element, the intermediate elements, and the cover element including connection means for fastening and providing a seal between a lower element and an immediately superior element.

10. (New) A container according to claim 9, wherein the connection means comprise a downwardly open groove formed at the periphery of the lower zone of a superior element into which the circumference of the upper zone of the lower element is capable of being inserted.

11. (New) A container according to claim 10, wherein the groove comprises a seal.

12. (New) A container according to claim 10, wherein lower zone of each superior element also has, around the groove, a rib with a U shaped section and the upper zone of each lower element comprises at its periphery a gutter with a U shaped section to receive the rib of the immediately superior element.

13. (New) A container according to claim 12, wherein the gutter or the groove comprises a seal.

14. (New) A container according to claim 12, wherein the rib and/or the

gutter further includes pins which can snap fasten into corresponding holes provided in the gutter and/or the rib.

15. (New) A container according to claim 9, wherein each element is generally in the shape of a rectangular parallelepiped.

16. (New) A container according to claim 9, wherein the elements are made of a plastics material or of a composite material or of any suitable material.

17. (New) A container according to claim 13, wherein each element is generally in the shape of a rectangular parallelepiped.

18. (New) A container according to claim 13, wherein the elements are made of a plastic material or of a composite material or of any suitable material.

19. (New) A container according to claim 13, wherein the rib and/or the gutter further includes pins which can snap fasten into corresponding holes provided in the gutter and/or the rib.